

## **Modules Included in the Foundational Skills Course**

- **Foundational Modules plus**
- **Measures of Central Tendency**
- **Changeover Reduction**
- **Measures of Dispersion**
- **Control Charts**
- **Organizing / Presenting Data**
- **Controlling the Process**
- **Process Capability Assessments**
- **FMEA**
- **Process-Based Costs**
- **Introduction to DOE**
- **Scatter Diagrams**
- **Introduction to Hypothesis Testing**
- **Simple Linear Regression**
- **(optional for ASQ certification alignment)**
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- **Introduction to Inferential Statistics**
- **Selecting the Solution**
- **(optional for ASQ certification alignment)**
- **Total Productive Maintenance**
- **Introduction to Process Capability**
- **Voice of the Customer**
- **Introduction to Theory of Constraints**
- **What is Statistics?**
- **Measurement System Analysis**

## **Modules Included in the Advanced Team Course (Black Belt)**

- **Foundational & Green Belt Modules plus**
- **Introduction to Probability**
- **ANOVA**
- **Continuous Probability**

- **Making Inferences about Proportions**
- **Distributions: Normal Curve**
- **Making Inferences about Variances**
- **Multiple Regression**
- **DOE: Basic and Full Factorial**
- **Probability Distributions: Discrete**
- **Hypothesis Testing for Nonparametric Data**
- **Random Variables**
- **Hypothesis Tests for the Mean**
- **Simple Linear Regression**
- **Introduction to Design of Experiments**